ADDENDUM H

Seward Park Vegetation Management Plan

Cost Estimate

VMP Implementation Cost Estimate

							Implementation Production			Hourly/Unit				
	Item	Action	Extent		Volunteer	Contractor	Staff	per hour	Unit	Hours/units	Cost	Unit Cost	Total Cost	
Forested	North													
	Abate Haz	ard Trees												
		Removal	17	trees			Х			34	\$65		\$37,570	
		Remediation	17	trees			х			34	\$65		\$37,570	
	Invasives	Areas overlap	118	acres										
		Remove Ivy from Trees	6,200	trees	Х			1	tree/hour	6,200	\$15		\$93,000	
		Remove Ivy mats	62	acres	x			215	sq ft/hour(av)	12,561	\$15		\$188,415	
		Remove Holly	78	acres	Х			1000	sq ft/hour	3,397	\$15		\$50,955	
		Remove Blackberry	10	acres	х			100	sq ft/hr	4,356	\$15		\$65,340	
		Replant*	82	acres	X									
		Trees, underplant	8,930	trees	х					8,930	\$15		\$133,950	
		Shrubs, underplant	35,720	shrubs	Х					35,720	\$5		\$178,600	
		Maintenance			Х									
	Blackberry	Thicket, zone 12	0.4	acres	Х									
		RemoveBlackberry	0.4	acres	Х			100		174	\$15		\$2,610	
		Alternate method				Х		1000		17	\$45		\$765	
		Replant												
		Trees, underplant	174	trees	X					174	\$15		\$2,610	
		Shrubs, underplant	4,356	shrubs	x					4,356	\$5		<u>\$21,015</u>	
	Subtotal												\$812,400	
		Supervision					Х						\$81,240	
	Total							-			-		\$893,640	
													\$810,555	

		* assumes no repla	nt in holly	areas							Alternate Total	\$81,056
		accume no ropia									Total.	\$891,611
												+ , -
Remanei	nt Native Fo	rest										
	Abate Haz											
		Removal	7	trees			Х			14	\$65	\$6,370
		Remediation	7	trees			Х			14	\$65	\$6,370
	Invasives	Areas overlap	118	acres								
		Remove Ivy from Trees	700	trees	х			1	tree/hour	700	\$15	\$10,500
		Remove Ivy mats	7	acres	х			215	sq ft/hour(av)	1,418	\$15	\$21,270
		Remove Holly	7	acres	Х			1000	sq ft/hour	305	\$15	\$4,575
		Remove Blackberry	2	acres	х			100	sq ft/hr	872	\$15	\$13,080
		Replant*	7	acres	X							
		Trees, underplant	762	trees	Х					762	\$15	\$11,430
		Shrubs, underplant	30,492		Х					30,492	\$5	\$152,460
		Mulch	2	acres		x			sq ft		\$0.55	\$1,331
		Maintenance			Х							\$16,389
		Subtotal										\$227,386
	Supervisio	n										\$22,739
		Total										\$250,125
Deciduo	us Native Fo											
	Forest Gla		5	acres	Х							
		Remove Ivy from Trees	500	trees	Х			1		500	\$15	\$7,500
		Remove Ivy Mats	3	acres	Х			215		607	\$15	\$9,105
		Herbivory protective	5	acres		x						\$1,000

		sheathing										
		Replant										
		Shrubs,										
		underplant	32,670		Χ					32,670	\$5	\$163,350
		Mulch	3	acres		Х					\$1	\$1,996
		Subtotal										\$202,541
	Supervisio	n										\$20,254
		Total										\$222,795
Mixed Na	ative/NonNa	tive Forest	6.2 acres									
	Abate Haz	ard Trees										
		Removal	2	trees			х			4	\$65	\$520
		Remediation	2	trees			х			4	\$65	\$520
	Invasives	Areas overlap	3	acres								
		Remove Ivy from Trees	150	trees	х			1	tree/hour	150	\$15	\$2,250
		Remove Ivy mats	3		х			215	sq ft/hour(av)	608	\$15	\$9,120
		Remove Holly	3		X			1000	sq ft/hour	131	\$15	\$1,965
		Remove Blackberry	1		Х			100	sq ft/hr	4	\$15	\$60
		-							·			
		Replant*	3	acres	Х							
		Trees, underplant	326	trees	Х					326	\$15	\$4,890
		Shrubs,										
		underplant	13,068	shrubs	Х					13,068	\$5	\$65,340
		Mulch				Х						\$1,996
		Maintenance			Х							
	Rehabilitat Oak/Madro		0.2	acres								
		Shrubs, plant	2,178	shrubs	Х					2,178	\$5	\$10,890

	Fence	440	feet						\$10	\$4,400
	Mulch	0.2	acres				yard		\$0.55	\$133
	Subtotal									\$102,084
	Supervision									\$10,208
	Total									\$112,292
Grasses	(incl. Trail Edge)	14								
	Convert to Meadow	2	acres							
	Site Preparat	ion 2	acres		x					
	Mechanical	2	acics		^	0.1	hours	20	\$65	\$1,300
	Chemcial	2				0.25	hours	8	\$65	\$520
	Shrubs, underplant	10,890	shrubs	х				10,890	\$5	\$54,450
	Mulch	2	acres		Х			,	\$1	\$1,331
	Maintenance			Х						\$1,089
	Subtotal									\$58,690
	Supervision									<u>\$5,869</u>
	Total									\$64,559

Grand Total \$1,523821